

## ABSTRACT OF THE DISCLOSURE

A method, computer program for authenticating an entity in a communication network system and the entity itself. In the invention certificates of a first entity are provided which is to be authenticated by a second entity based on a certificate common to the first and second entities, the certificates of the first entity are classified as a function of probability that a second entity includes a given certificate, and in response to a certificate request by a second entity, the classified certificate with highest probability is submitted to the second entity.